

Title (en)

METHODS AND APPARATUS FOR PROVIDING ASSISTANCE SERVICES FOR LARGE CROWDS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR UNTERSTÜTZUNG VON HILFSDIENSTEN FÜR GROSSE MENGEN

Title (fr)

PROCÉDÉS ET APPAREIL DE FOURNITURE DE SERVICES D'ASSISTANCE POUR DES FOULES IMPORTANTES

Publication

**EP 2795566 A4 20150812 (EN)**

Application

**EP 11878064 A 20111222**

Priority

US 2011066783 W 20111222

Abstract (en)

[origin: WO2013095496A1] In one example embodiment, a mobile computing device provides assistance services for visitors at events which involve large crowds and long distances. The mobile computing device may be used to read a unique identifier for a visitor from an identification token for the visitor. The mobile computing device may then send visitor location data for the current location of the visitor to a remote command center. The mobile computing device may then receive leader location data from the remote command center. The leader location data may identify a last known location for a leader of a group of visitors that includes the visitor. After receiving the leader location data, the mobile computing device may compute directions from the current location of the visitor to the last known location of the leader, and the mobile computing device may display those directions on a map. Other embodiments are described and claimed.

IPC 8 full level

**G06Q 50/14** (2012.01); **H04W 4/90** (2018.01); **G06Q 50/10** (2012.01); **H04B 5/02** (2006.01); **H04W 4/08** (2009.01); **H04W 4/21** (2018.01); **H04W 4/50** (2018.01); **H04W 4/80** (2018.01)

CPC (source: CN EP US)

**G06Q 10/06** (2013.01 - CN EP US); **G06Q 50/265** (2013.01 - CN); **G08B 5/223** (2013.01 - US); **H04W 4/023** (2013.01 - CN EP US); **H04W 4/025** (2013.01 - EP US); **H04W 4/08** (2013.01 - CN EP US); **H04W 4/21** (2018.01 - EP US); **H04W 4/50** (2018.01 - EP US); **H04W 4/90** (2018.01 - EP US); **H04W 4/80** (2018.01 - EP US)

Citation (search report)

- [Y] US 2009276154 A1 20091105 - SUBRAMANIAN SANKAR [US], et al
- [Y] US 2006058018 A1 20060316 - TOULIS TADEO T [US], et al
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2013095496 A1 20130627**; CN 103999117 A 20140820; CN 103999117 B 20170412; CN 107122882 A 20170901; EP 2795566 A1 20141029; EP 2795566 A4 20150812; TW 201333871 A 20130816; TW I546765 B 20160821; US 2014203909 A1 20140724; US 2016309313 A1 20161020; US 9342965 B2 20160517

DOCDB simple family (application)

**US 2011066783 W 20111222**; CN 201180075639 A 20111222; CN 201710147567 A 20111222; EP 11878064 A 20111222; TW 101149060 A 20121221; US 201113996661 A 20111222; US 201615130510 A 20160415